

AMANA REFRIGERATION, INCORPORATED
ADMINISTRATIVE RECORD



A00

R00175542
RCRA RECORDS CENTER



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
324 EAST ELEVENTH STREET
KANSAS CITY, MISSOURI - 64106

NOTICE OF INTENT TO DENY RCRA PERMIT
AND TERMINATE INTERIM STATUS

Amana Refrigeration, Incorporated of Amana, Iowa requested that their status under the Resource Conservation and Recovery Act (RCRA) be changed to that of only a regulated generator. This would involve termination of interim status. Federal regulations require that the permitting agency issue or deny a permit in order to terminate interim status. Therefore, the U.S. Environmental Protection Agency, Region VII, Kansas City, Missouri announces its intent to deny a permit and terminate interim status for Amana Refrigeration, Incorporated. A notice of intent to deny a permit is a type of draft permit subject to procedures applicable to draft permits as set forth in 40 Code of Federal Regulations (CFR) Part 124.

Amana Refrigeration, Incorporated has been operating a hazardous waste storage facility under interim status. The stored hazardous wastes were generated by the facility as a result of the manufacturing processes conducted on the facility premises. On September 29, 1982, EPA requested that Amana Refrigeration, Incorporated submit a RCRA Part B permit application. The facility requested that their status be changed to that of only a regulated generator. This would constitute termination of interim status. A final permit decision to deny a permit will terminate interim status.

A copy of this notice and the administrative record, including all information submitted by Amana Refrigeration, Incorporated will be available for public review beginning on November 16, 1983, and ending on December 31, 1983.

The Public Notice attached to this document specifies the locations of the administrative record for public review and provides information on the public comment procedure.

for William G. Spratt
David A. Wagoner
Director, Air and Waste Management Division

11/9/83
Date

STATEMENT OF BASIS
NOTICE OF INTENT TO DENY RCRA PERMIT
AND TERMINATE INTERIM STATUS

Amana Refrigeration, Incorporated of Amana, Iowa requested that their status under the Resource Conservation and Recovery Act (RCRA) be changed to that of only a regulated generator. This would involve termination of interim status. Federal regulations require that the permitting agency issue or deny a permit in order to terminate interim status. Therefore, the U.S. Environmental Protection Agency (EPA), Region VII, Kansas City, Missouri has announced its intent to deny a permit for the facility. A notice of intent to deny a permit is a type of draft permit subject to procedures applicable to draft permits as set forth in 40 Code of Federal Regulations (CFR) Part 124. This announcement of an intent to deny a permit is based on the following information:

- The facility was "in existence" on November 19, 1980, as required by Section 3005 of RCRA.
- The facility complied with the notification requirements of Section 3010(a) of RCRA.
- The facility submitted a RCRA Part A Hazardous Waste permit application as required by Section 3005 of RCRA.
- Therefore, the facility achieved interim status.
- The EPA requested the submittal of a RCRA Part B Hazardous Waste permit application on September 29, 1982, to be submitted by March 28, 1983.
- Amana Refrigeration, Incorporated submitted a letter to EPA on February 17, 1983. In this letter the facility stated that it: would store hazardous wastes for less than ninety days; and, therefore, requested that their status be changed to that of only a regulated generator.
- The Iowa Department of Water, Air and Waste Management (IDWAWM) sent a letter on June 28, 1983, to EPA in which IDWAWM stated that the Department was satisfied that Amana Refrigeration, Incorporated can ship their hazardous waste off-site in ninety days or less and that the interim status hazardous waste management facility is "closed" in accordance with current procedures, and recommended that Amana Refrigeration, Incorporated's interim status be terminated.
- Amana Refrigeration, Incorporated did not submit a Part B Hazardous Waste Permit application.

Denial of a RCRA permit constitutes termination of interim status in accordance with Section 3005 of RCRA.

The Public Notice attached to this document specifies the locations of the administrative record for public review and provides information on the public comment procedure.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
324 EAST ELEVENTH STREET
KANSAS CITY, MISSOURI - 64106

PUBLIC NOTICE

AMANA REFRIGERATION, INCORPORATED OF AMANA, IOWA REQUESTED THAT THEIR STATUS UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) BE CHANGED TO THAT OF ONLY A REGULATED GENERATOR. THIS WOULD INVOLVE TERMINATION OF INTERIM STATUS. FEDERAL REGULATIONS REQUIRE THAT THE PERMITTING AGENCY ISSUE OR DENY A PERMIT IN ORDER TO TERMINATE INTERIM STATUS. THEREFORE, THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), REGION VII, KANSAS CITY, MISSOURI IS TODAY PROVIDING PUBLIC NOTICE OF ITS INTENT TO DENY A RCRA PERMIT AND TERMINATE INTERIM STATUS FOR AMANA REFRIGERATION, INCORPORATED.

Amana Refrigeration, Incorporated has been operating a hazardous waste storage facility under interim status. The stored wastes were generated by the facility as a result of manufacturing processes conducted on the premises. On September 29, 1982, EPA requested that Amana Refrigeration, Incorporated submit a RCRA Part B permit application. In lieu of submittal of a Part B application, Amana Refrigeration, Incorporated requested that their status be changed to that of only a regulated generator. A Part B Permit application was not submitted. The facility will continue to generate hazardous wastes but will no longer store hazardous wastes for periods of time in excess of 90 days. Under Section 3005 of RCRA, interim status is terminated at such time as final administrative disposition (issuance or denial) is made on a permit.

A Notice of Intent to Deny a permit is a type of draft permit subject to procedures applicable to draft permits as set forth in 40 Code of Federal Regulations (CFR) Part 124. The Notice of Intent to Deny is based upon an administrative record. The administrative record consists of the Notice of Intent to Deny RCRA Permit and Terminate Interim Status, the Statement of Basis which describes the reasons supporting the decision, and all data submitted by Amana Refrigeration, Incorporated. The administrative record is available for public review beginning on November 16, 1983, between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday at: the EPA Region VII Library, 324 East 11th Street, Kansas City, Missouri; the Iowa Department of Water, Air and Waste Management (IDWAWM) Central Office, Henry A. Wallace Building, 900 East Grand, Des Moines, Iowa; and at IDWAWM Region 6, 117 North Second Avenue, Washington, Iowa.

Comments or requests for additional information, including the Statement of Basis, should be directed in writing to Mr. Lyndell Harrington, Chief, Permits Section, Waste Management Branch, EPA Region VII, at the address listed above or by telephone at (816) 374-6531. Comments must be submitted by December 31, 1983.

The EPA has not scheduled a public hearing; however, if requests are received which indicate a significant degree of public interest in this Notice of Intent to Deny, a public hearing will be scheduled. Requests for a public hearing shall be in writing to EPA and shall state the nature of

the issues proposed to be raised in the hearing. Such requests must be submitted by December 31, 1983. The public notice and public hearing procedures may be found in 40 CFR Sections 124.11 and 124.12.

After consideration of all comments received, EPA will make a final permit decision. If the determination is substantially unchanged from that announced by this notice, EPA will notify all persons submitting written comments or requesting the notice of final permit determination. If the determination is substantially changed from that announced by this notice, a new Public Notice will be issued and the public participation process will be reopened.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
324 EAST ELEVENTH STREET
KANSAS CITY, MISSOURI - 64106

PUBLIC NOTICE FOR RADIO BROADCAST

AMANA REFRIGERATION, INCORPORATED OF AMANA, IOWA REQUESTED THAT THEIR STATUS UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) BE CHANGED TO THAT OF ONLY A REGULATED GENERATOR. THIS WOULD INVOLVE TERMINATION OF INTERIM STATUS. FEDERAL REGULATIONS REQUIRE THAT THE PERMITTING AGENCY ISSUE OR DENY A PERMIT IN ORDER TO TERMINATE INTERIM STATUS. THEREFORE, THE ENVIRONMENTAL PROTECTION AGENCY (EPA) ANNOUNCED TODAY THAT IT HAS ISSUED A NOTICE OF INTENT TO DENY A RESOURCE CONSERVATION AND RECOVERY ACT PERMIT AND TERMINATE INTERIM STATUS TO AMANA REFRIGERATION, INCORPORATED. THIS ACTION IS A TYPE OF DRAFT PERMIT SUBJECT TO FEDERAL REGULATIONS AND WOULD RESULT IN TERMINATION OF INTERIM STATUS. A COPY OF THE NOTICE AND THE ADMINISTRATIVE RECORD FOR AMANA REFRIGERATION, INCORPORATED IS AVAILABLE FOR PUBLIC REVIEW AT THE EPA REGION VII LIBRARY IN KANSAS CITY, MISSOURI AND AT THE OFFICES OF THE IOWA DEPARTMENT OF WATER, AIR AND WASTE MANAGEMENT IN DES MOINES AND WASHINGTON, IOWA. ANYONE HAVING QUESTIONS OR COMMENTS ON THE NOTICE OF INTENT TO DENY A PERMIT OR REQUESTING A PUBLIC HEARING SHOULD CONTACT LYNDELL HARRINGTON OF THE EPA KANSAS CITY REGIONAL OFFICE AT (816) 374-6531 BEFORE DECEMBER 31, 1983.



U.S. ENVIRONMENTAL PROTECTION AGENCY NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.	IAD005277678	
I. NAME OF INSTALLATION	AMANA REFRIGERATION INC	
II. INSTALLATION MAILING ADDRESS	MAIN ST AMANA, IA 52203	
III. LOCATION OF INSTALLATION	MAIN ST AMANA, IA 52203	

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3020 of the Resource Conservation and Recovery Act).

FOR OFFICIAL USE ONLY

COMMENTS

C																														
C																														

INSTALLATION'S EPA I.D. NUMBER															APPROVED					DATE RECEIVED (yr., mo., & day)									
FIAD00061043631																				800801									

I. NAME OF INSTALLATION

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX																													
3																													
CITY OR TOWN																									ST.		ZIP CODE		
4																											52204		

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER																													
5																													
CITY OR TOWN																									ST.		ZIP CODE		
6 MIDDLE																									IA		52307		

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)																				PHONE NO. (area code & no.)									
2 RETTIG LEONARD CHIEF ENG CONST																				319-622-5511									

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER																													
8 AMANA REFRIGERATION INC																													

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

B. TYPE OF OWNERSHIP (enter the appropriate letter into box)															F - FEDERAL M - NON-FEDERAL														
M															<input checked="" type="checkbox"/> A. GENERATION <input checked="" type="checkbox"/> C. TREAT/STORE/ DISPOSE <input type="checkbox"/> B. TRANSPORTATION (complete item VI) <input type="checkbox"/> D. UNDERGROUND INJECTION														

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

<input type="checkbox"/> A. AIR	<input type="checkbox"/> B. RAIL	<input type="checkbox"/> C. HIGHWAY	<input type="checkbox"/> D. WATER	<input type="checkbox"/> E. OTHER (specify):
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VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

<input checked="" type="checkbox"/> A. FIRST NOTIFICATION <input type="checkbox"/> B. SUBSEQUENT NOTIFICATION (complete item C)															C. INSTALLATION'S EPA I.D. NO.														
															IAD005277678														

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

AD0000610430

X. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 2 23 - 24	2 F 0 0 5 23 - 24	3 F 0 1 7 23 - 24	4 F 0 1 8 23 - 24	5 F 0 0 3 23 - 24	6 23 - 24
7 23 - 24	8 23 - 24	9 23 - 24	10 23 - 24	11 23 - 24	12 23 - 24

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13 23 - 24	14 23 - 24	15 23 - 24	16 23 - 24	17 23 - 24	18 23 - 24
19 23 - 24	20 23 - 24	21 23 - 24	22 23 - 24	23 23 - 24	24 23 - 24
25 23 - 24	26 23 - 24	27 23 - 24	28 23 - 24	29 23 - 24	30 23 - 24

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 U 0 0 2 23 - 24	32 U 1 8 4 23 - 24	33 U 2 2 3 23 - 24	34 U 2 2 9 23 - 24	35 U 2 3 8 23 - 24	36 23 - 24
37 23 - 24	38 23 - 24	39 23 - 24	40 23 - 24	41 23 - 24	42 23 - 24
43 23 - 24	44 23 - 24	45 23 - 24	46 23 - 24	47 23 - 24	48 23 - 24

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49 23 - 24	50 23 - 24	51 23 - 24	52 23 - 24	53 23 - 24	54 23 - 24
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E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☒ 1. IGNITABLE
(D001)

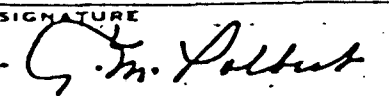
☒ 2. CORROSIVE
(D002)

☒ 3. REACTIVE
(D003)

☒ 4. TOXIC
(D004)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE 	NAME & OFFICIAL TITLE (type or print) G. M. Tolbert Senior Vice President-Treasurer	DATE SIGNED 7/30/80
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**ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)**

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

• IAD000610436

Amana Refrigeration Inc.
Amana, IA 52204

INSTALLATION ADDRESS

Middle Amana, IA 52307

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		EPA I.D. NUMBER FLAD000610436	
I. EPA I.D. NUMBER		IA D005277678		GENERAL INSTRUCTIONS	
III. FACILITY NAME		AMANA REFRIGERATION, INC.		If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
V. FACILITY MAILING ADDRESS		AMANA, IOWA 52204			
VI. FACILITY LOCATION		MIDDLE, IOWA 52307			
II. POLLUTANT CHARACTERISTICS					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.					
SPECIFIC QUESTIONS		MARK 'X'		SPECIFIC QUESTIONS	
		YES NO FORM ATTACHED			
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	
III. NAME OF FACILITY					
1 SKIP AMANA REFRIGERATION, INC.					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title)				B. PHONE (area code & no.)	
2 R E T T I G , L E O N A R D C H I E F E N G I N E E R - C O N S T R U C T .				3 1 9 6 2 2 5 5 1 1	
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX					
3 N / A					
B. CITY OR TOWN					
4 A M A N A					
C. STATE					
I A					
D. ZIP CODE					
5 2 2 0 4					
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 N / A					
B. COUNTY NAME					
I O W A					
C. CITY OR TOWN					
6 M I D D L E					
D. STATE					
I A					
E. ZIP CODE					
5 2 3 0 7					
F. COUNTY CODE (if known)					

OCT 17 1980

I. SIC CODES (4-digit, in order of priority)

A. FIRST				SECOND								
3	6	3	2	(specify)	Household Refrigerators & Home and Farm Freezers.	7	3	6	3	1	(specify)	Microwave Ovens
C. THIRD				D. FOURTH								
(specify)				(specify)								

II. OPERATOR INFORMATION

A. NAME												B. Is the name listed in Item VIII-A also the owner?											
A M A N A R E F R I G E R A T I O N , I N C .												<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO											
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)										D. PHONE (area code & no.)													
F = FEDERAL		M = PUBLIC (other than federal or state)		P (specify)		C		3		19		6		2		5		5		1		1	
S = STATE		O = OTHER (specify)				A																	
P = PRIVATE																							
E. STREET OR P.O. BOX																							
N / A																							
F. CITY OR TOWN										G. STATE		H. ZIP CODE		IX. INDIAN LAND									
A M A N A										I A		5 2 2 0 4		Is the facility located on Indian lands?									
														<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO									

EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)						D. PSD (Air Emissions from Proposed Sources)					
T	I	48 0 2 1 0 2				C	T	I	N / A		
N						9	P				
B. UIC (Underground Injection of Fluids)						E. OTHER (specify)					
T	I	N / A				C	T	I	(specify) See attached listing of Iowa & Ill. Special Waste		
U						9					
C. RCRA (Hazardous Wastes)						E. OTHER (specify)					
T	I	N / A				C	T	I	(specify) Disposal Authorization.		
R						9					

MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

I. NATURE OF BUSINESS (provide a brief description)

Manufacture of refrigerators, freezers and combination refrigerator-freezers; also manufacture microwave ovens.

III. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME & OFFICIAL TITLE (type or print)		B. SIGNATURE		C. DATE SIGNED	
Wayne A. Giddings Sr. Vice President-Manufacturing		<i>Wayne A. Giddings</i>		10/15/80	

COMMENTS FOR OFFICIAL USE ONLY

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FOR OFFICIAL USE ONLY									
APPLICATION APPROVED			DATE RECEIVED (yr., mo., & day)				COMMENTS		
23			24				29		

Place an "X" in the appropriate box in A or B below (*mark one box only*) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

<input checked="checked" type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.) <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 15%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">C</th> <th style="width: 15%;">YR.</th> <th style="width: 15%;">MO.</th> <th style="width: 15%;">DAY</th> </tr> <tr> <td>8</td> <td>7 8</td> <td>1 1</td> <td>0 8</td> </tr> <tr> <td>15</td> <td>73 74</td> <td>75 76</td> <td>77 78</td> </tr> </table> </div> <div style="width: 80%;"> FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED <i>(use the boxes to the left)</i> </div> </div>	C	YR.	MO.	DAY	8	7 8	1 1	0 8	15	73 74	75 76	77 78	<input type="checkbox"/> 2. NEW FACILITY (Complete item below.) <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 15%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">C</th> <th style="width: 15%;">YR.</th> <th style="width: 15%;">MO.</th> <th style="width: 15%;">DAY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>73 74</td> <td>75 76</td> <td>77 78</td> </tr> </table> </div> <div style="width: 80%;"> FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN </div> </div>	C	YR.	MO.	DAY						73 74	75 76	77 78
C	YR.	MO.	DAY																						
8	7 8	1 1	0 8																						
15	73 74	75 76	77 78																						
C	YR.	MO.	DAY																						
	73 74	75 76	77 78																						

☐ 1. FACILITY HAS INTERIM STATUS ☐ 2. FACILITY HAS A RCRA PERMIT

A. PROCESS CODE -- Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (*including its design capacity*) in the space provided on the form (*Item III-C*).

2. **UNIT OF MEASURE** — For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	
<u>Storage:</u>			<u>Treatment:</u>			
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY	
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY	
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS		T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR	
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	INCINERATOR	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
<u>Disposal:</u>						
INJECTION WELL	D79	GALLONS OR LITERS				
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER				
LAND APPLICATION	D81	ACRES OR HECTARES				
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY				
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS				
UNIT OF MEASURE CODE			UNIT OF MEASURE CODE			
UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		
GALLONS	G	LITERS PER DAY	V	ACRE-FEET.	A	
LITERS	L	TONS PER HOUR	D	HECTARE-METER.	F	
CUBIC YARDS	Y	METRIC TONS PER HOUR.	W	ACRES.	B	
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	Q	
GALLONS PER DAY	U	LITERS PER HOUR	H			

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
C	DUP	T/A	C	1																								
LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY	1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY	1. AMOUNT	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY																	
X-1	S 0 2	600	G		5																							
X-2	T 0 3	20	E		6																							
1	S 0 1	42,900	G		7																							
2					8																							
3	T 0 1	133,500	U		9																							
4					10																							

I. PROCESSES (continued)

SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04") FOR EACH PROCESS ENTERED HERE
INCLUDE DESIGN CAPACITY.

N/A

V. DESCRIPTION OF HAZARDOUS WASTES

EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

1. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

FOR OFFICIAL USE ONLY

W	DUP										2	DUP													
1	2	-										13	14	15	23	-									

Form 3510-3 (6-80) CONTINUE ON REVERSE

DESCRIPTION OF HAZARDOUS WASTES (continued)

USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

N/A

EPA I.D. NO. (enter from page 1)												
I	A	D	0	0	5	2	7	7	6	7	8	6

FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)										LONGITUDE (degrees, minutes, & seconds)									
4	1	4	7	2	4					9	1	5	4	0	0				

FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER										2. PHONE NO. (area code & no.)									
N/A																			
3. STREET OR P.O. BOX										4. CITY OR TOWN									
G										5. ST.									
										6. ZIP CODE									

OWNER CERTIFICATION

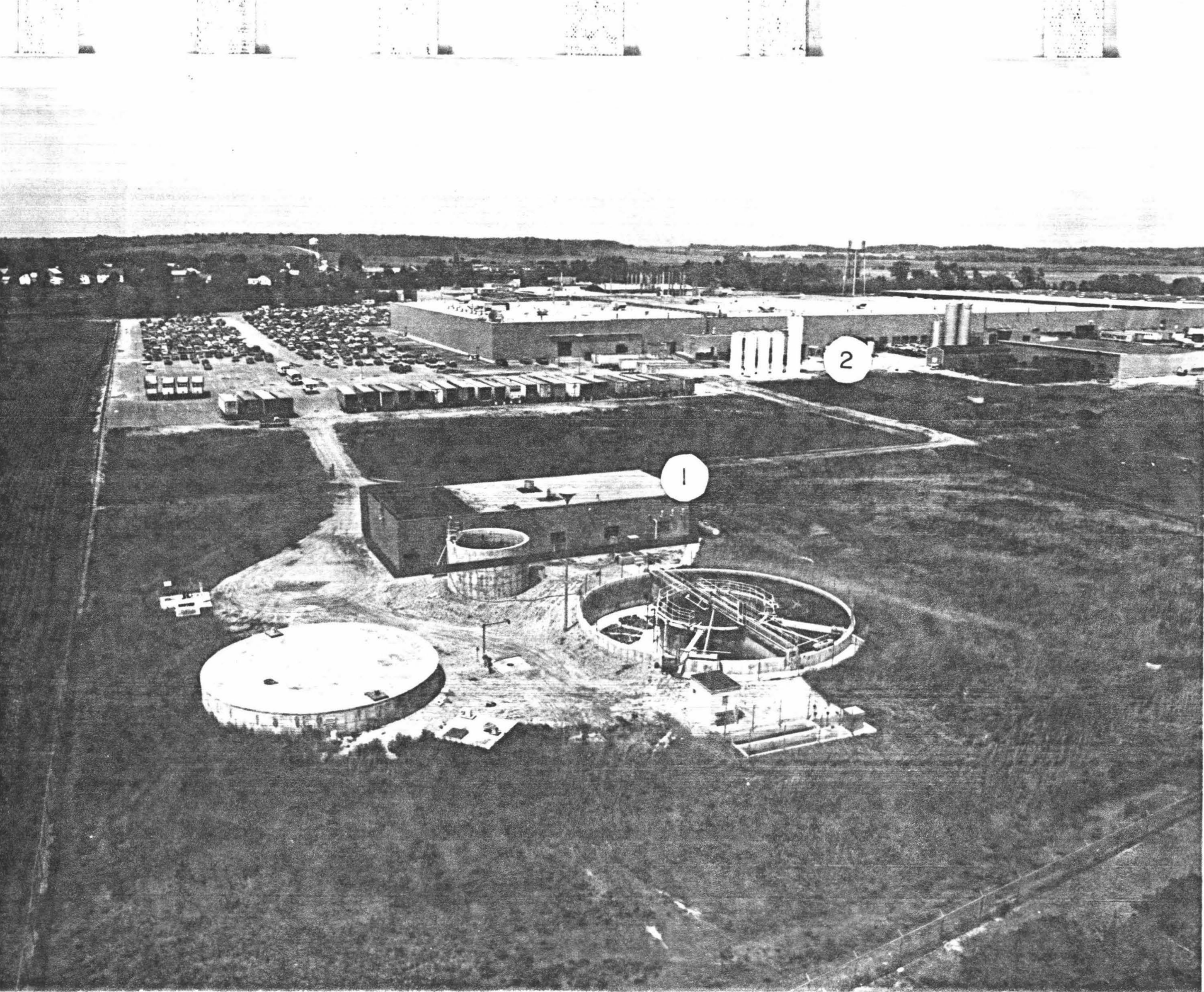
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

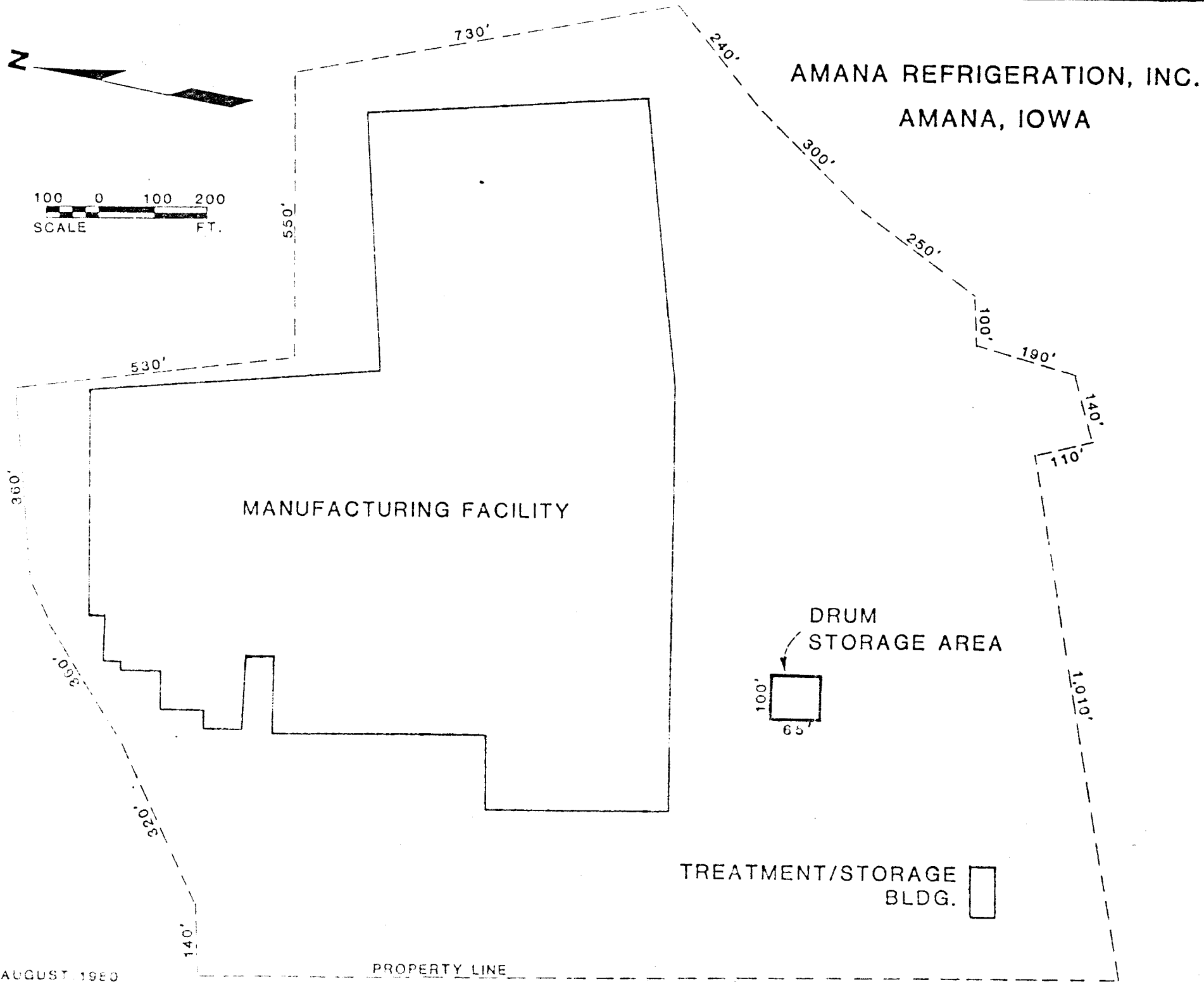
A. NAME (print or type) Wayne A. Giddings Sr. Vice President-Manufacturing	B. SIGNATURE <i>Wayne A. Giddings</i>	C. DATE SIGNED 10-15-80
--	--	----------------------------

OPERATOR CERTIFICATION

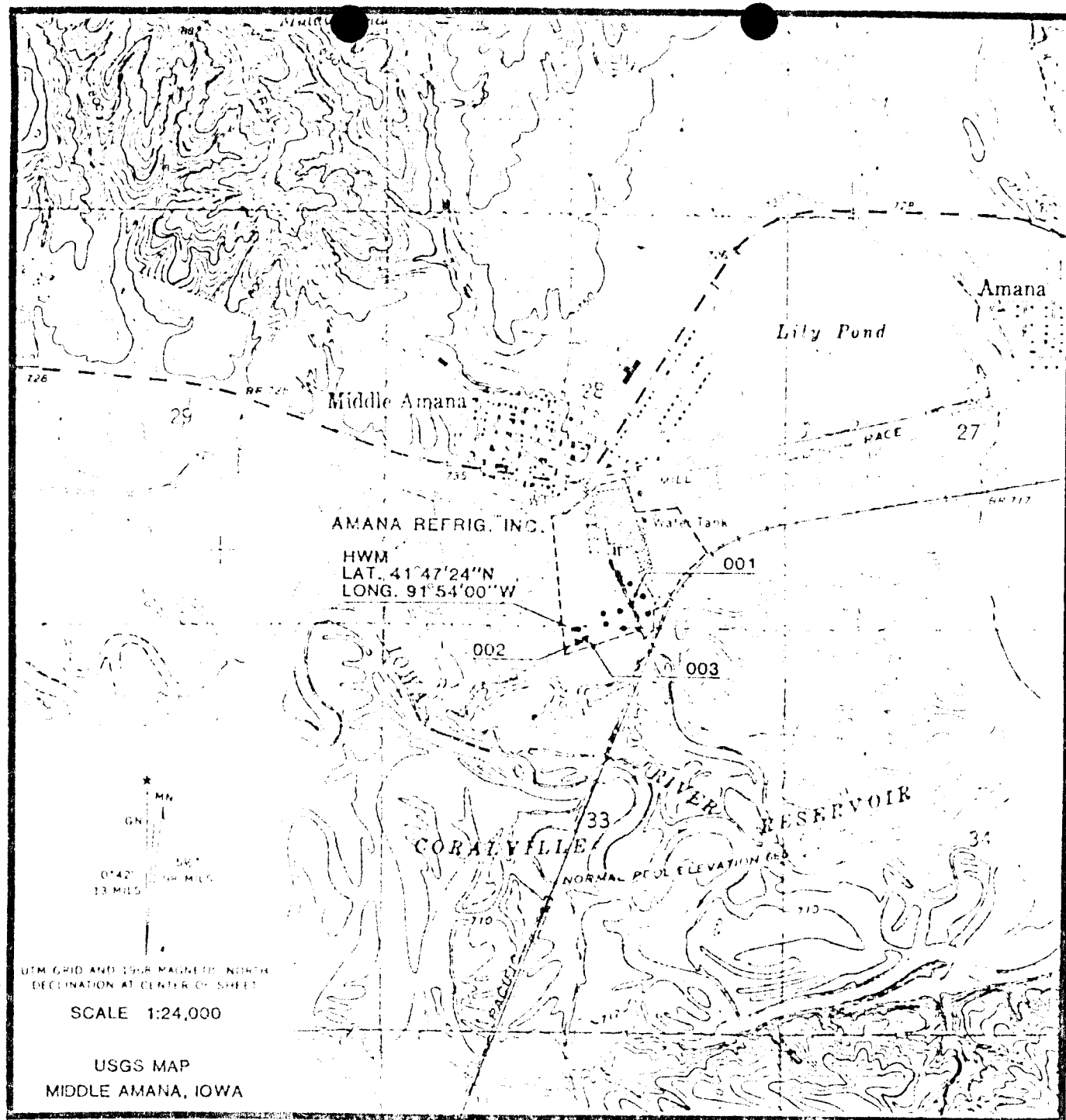
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED





AUGUST, 1980



LEGEND :

----- PROPERTY LINE

● DRINKING WATER
WELLS

▲ DISCHARGE
STRUCTURES

LOCATION MAP

AMANA REFRIGERATION, INC.

AMANA, IOWA

ATTACHMENT TO FORM 3
AMANA REFRIGERATION, INC.
IA D00 52 77678

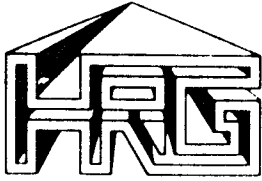
EXISTING PERMITS

ILLINOIS E.P.A.

1. Authorization No. 792312; Generator Code No. 9190950048, Toluene Diisocyanate; expiration date - 10/30/80.
2. Authorization No. 792313, Generator Code No. 9190950048, Polyether Polyol; expiration date - 10/30/80.
3. Authorization No. 793108, Generator Code No. 9190955048, Sodium Hydroxide (Kolene); expiration date - 7/23/81.

IOWA D.E.Q. PERMITS - LANDFILL

1. Parts Washing Sludge, Rolling Machine Waste Cleaner, Liquid Waste and 300 Gal. of Tramp Oil; 6,000 gal. month - Authorization No. 57375043080-1; expiration date - 4/30/81.
2. Phosphatizing Parts Washer Sludge, 4,000 gal. month - Authorization No. 57375043080-2; expiration date - 4/30/81.
3. Paint Spray Booth Sludge and Treatment of Paint Spray Booth, Liquid Waste, 8,000 gal. month - Authorization No. 57375043080-4; expiration date 4/30/81.
4. Parts Washer Rinse, Zinc Phosphate and Chrome (WPS Sludge), 6,000 gal. month - Authorization No. 57375043080-5; expiration date - 4/30/81.
5. Anolyte and Permeate Electro-Dep Sludge, 300 gal. month - Authorization No. 57375043080-6; expiration date - 4/30/81.
6. Electro-Dep. Paint Sludge, 300 gal. month - Authorization No. 57375043080-3; expiration date - 4/30/81.



HOWARD R. GREEN COMPANY
CONSULTING ENGINEERS

4250 GLASS RD., N.E. • P.O. BOX 9009 • CEDAR RAPIDS, IOWA 52409 • Phone 319/395-7805

2
Dade
B. Berry
Bill Lewis
CSC

December 5, 1980

Permits Branch
U.S. Environmental Protection Agency
324 East 11th Street
Kansas City, MO 64106

Attn: Bill Lewis

Re: AMENDMENT
Amana Refrigeration, Inc.
Amana, Iowa
I.D. No. IAD 000610436

Dear Mr. Lewis:

The Federal Register of May 19, 1980, Part 261.31 lists methanol as an ignitable and toxic waste bearing the EPA hazardous waste code number F005. We note that the Federal Register of November 11, 1980, Part 261.31 now lists methanol only as an ignitable waste with the code number F003.

On both the Notification of Hazardous Waste Activity (EPA form 8700-12 -reverse) and Application Form 3 (EPA form 3510-3, page 3 of 5) Amana Refrigeration listed wastes under the code number F005. Since no F003 wastes are present, none were listed under the F003 code number.

Even with the code number revision for methanol, the F005 code listings are still valid as Amana Refrigeration has other waste materials which fall within this classification. However, in compliance with the revision of November 11, 1980, we are enclosing herewith copies of the above-mentioned pages of the Notification and Application forms on which we have added the methanol as an additional waste under the F003 category.

Also, note that these two pages bear Amana Refrigeration's new I.D. number which was recently assigned by EPA.

This submittal is in accordance with a telephone discussion between the writer and Betty Berry of your office on December 5, 1980.

Part A

HOWARD R. GREEN COMPANY, CONSULTING ENGINEERS, CEDAR RAPIDS, IOWA

Permits Branch
U.S. Environmental Protection Agency
Kansas City, MO 64106

December 5, 1980
Page 2

Attn: Bill Lewis

Re: AMENDMENT
Amana Refrigeration, Inc.

Please acknowledge receipt of this submittal. Also, feel free to contact either the writer or Mr. Leonard Rettig at Amana Refrigeration if further clarification of this matter is required.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Gene H. Fritch".

Gene H. Fritch, P.E.

mp
enclosures

cc: Leonard Rettig

CERTIFIED MAIL

Return Receipt Requested

SEP 29 1982

**Mr. Leonard Rettig
Chief Engineer - Construction
Amana Refrigeration, Incorporated
Amana, Iowa 52204**

EPA I.D. NO.: IAD000610436

**FACILITY LOCATION:
Middle Amana, Iowa 52307**

Dear Mr. Rettig:

This letter constitutes a formal request for six (6) copies of a Part B permit application for your hazardous waste management facility at Amana Refrigeration, Incorporated, Middle Amana, Iowa. This request is made under the authority of the Resource Conservation and Recovery Act, 40 Code of Federal Regulations (CFR), §122.22(b).

Enclosed for your reference is a list of the items which constitute a Part B application as applicable to your facility type. These items must be submitted with a postmark dated no later than March 28, 1983. If any of this information is being submitted under a claim of confidentiality, please indicate this fact. Guidance concerning confidentiality requests is attached. For more information on confidentiality, see 40 CFR Part 2 (especially 40 CFR 2.305). The application due date noted above is firm and will not be modified. Please note under Section 122.22(a)(5) that the failure to furnish a requested Part B application on time, or furnish in full the information required by the Part B application, is grounds for termination of interim status under Part 124.

Also enclosed for your information and use is a copy of applicable regulations and a document entitled, "A Guide for Preparing RCRA Permit Applications for Existing Storage Facilities." If you or members of your staff would like to meet with the Iowa Department of Environmental Quality and our Agency regarding the preparation of your Part B permit application, please contact us and we will arrange a meeting at a convenient time and location. A representative of a consulting engineering firm, if you have retained one, could also attend any such meeting.

If your firm stores or treats hazardous wastes in underground tanks, special consideration may apply. Regulations under Part 264 do not apply if the underground facilities cannot be entered for inspection. If your firm operates any underground storage or treatment tanks, the options for the facility operator are as follows:

1. The operator can voluntarily choose to install manholes for inspection, or discontinue the use of the tanks which cannot be inspected.
2. The operator can continue to utilize those tanks under the interim status standards until such time as Part 264 regulations are promulgated.

ARWM/WMBR-PMTS:DADegner:lmh:x6531:9/23/82:Disk A/39

**PMTS
Degner**

**PMTS
Harrington**

**WMBR
Morby**

**ARWM
Spratlin**

**ARWM
Wagoner**

If option two is chosen, your firm will face a second permitting action after future regulations dealing with underground tanks are promulgated. These new regulations are expected in the fall of 1983.

Your cooperation in trying to improve hazardous waste management facility operations in Iowa is appreciated. Should you have any questions about these requirements, please contact Dennis Degner at (816) 374-6531.

Sincerely yours,

David A. Wagoner
Director, Air and Waste Management Division

Enclosures: List of Part B Requirements
Part 264 Standards (applicable to Storage Facilities)
Part 122 Standards, Subpart B Only
Guidance Regarding Confidential Information
Changes to Container Storage Regulations (264.175, 264.250
and 122.25). Federal Register, November 6, 1981, p. 55110-55113
Changes to 122.25(11), Federal Register, November 23, 1981,
p. 57284-57286
Financial Requirements, Part 264, Federal Register. April 7, 1982,
April 16, 1982, and July 13, 1982
Changes to Part 122, Federal Register. April 8, 1982
A Guide for Preparing RCRA Permit Applications for Existing
Storage Facilities
Contacts and Application Submission Information, "Supplement
to Iowa Pre-Application Conference for RCRA Part B Applicants,"
April 14, 1982

cc: Ron Kolpa, IDEQ
Rod Vlieger, IDEQ

bcc: Don Sandifer, AWC
Jack Coakley, SPRS
Katie Biggs, SPFD

Dennis



Howard R. Green Company
CONSULTING ENGINEERS

February 17, 1983

EPA-ARWM/PMTS

FEB 22 1983

Region VII K.C., MO

Environmental Protection Agency
Region 7
324 East 11th Street
Kansas City, MO 64106

Attn: Lynn Harrington

Re: Amana Refrigeration, Inc.
EPA ID No. IA D000610436

Dear Mr. Harrington:

We have recently been conferring with Mr. Gene Evans of Iowa DEQ and Mr. Dennis Degner of your office regarding Amana Refrigeration, Inc. Specifically, we have been addressing EPA's letter of 9-29-82 from Dave Wagoner which requested information relative to conversion of Amana Refrigeration from its present Interim Status (Part B permit application).

On behalf of Amana Refrigeration, Inc., it is hereby requested that their status be changed to that of only a regulated generator. In support of that request we are enclosing the following.

1. Gene Fritch transmittal letter to Gene Evans, 1-25-83.
2. Subsequent Notification (Form 8700-12), 1-20-83.
3. Information Form 1 (Form 3510-1), as submitted 11-17-82.
4. Information Form 1 (Form 3510-1), as submitted 10-15-80.
5. Application Form 3 (Form 3510-3) final version of 1-20-83.
6. Application Form 3 (Form 3510-3), as submitted 10-15-80.

Environmental Protection Agency
Region 7
Attn: Lynn Harrington

February 17, 1983
Page 2

Re: Amana Refrigeration, Inc.
EPA ID No. IA D000610436

7. Attachments
 - a) Listing of existing permits.
 - b) Location map.
 - c) Photograph of treatment/storage areas.
 - d) Industrial waste listing (Revised 1/83).
8. Closure Plans; January, 1982, Revised January, 1983.
9. Contingency Plans; January, 1982, Revised January, 1983.
10. Appendix A through J.
11. Personnel Job Descriptions and Training Requirements.
12. Inspection Records Forms.
13. Training Plan Information.

Amana Refrigeration, Inc. is exploring the possibility of obtaining status as a regulated transporter. However, no such request is being made at this time. Should Amana desire to pursue this matter at a later date, an appropriate Notification Form requesting transporter status will be submitted.

To properly dispose of the current accumulation of wastes, thereby allowing transfer from interim status, Amana will contract with a bona fide transporter for the hauling. Disposal is planned for the SCA site near Chicago. Certain sampling, filing of forms and obtaining of approvals is necessary. The tentative schedule for this work is as follows.

Deliver verification samples of waste by 2-28-83.

Verify waste samples and obtain disposal approval by 3-28-83.

Arrange transportation and disposal schedule by 4-18-83.

Accomplish pickup and disposal by 4-25-83.

This schedule is based on a preliminary evaluation of the wastes on hand, from which we anticipate approval and acceptance for disposal. If for some reason disposal at the SCA site is not approved, additional time will be

Environmental Protection Agency
Region 7
Attn: Lynn Harrington

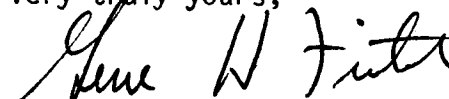
February 17, 1983
Page 3

Re: Amana Refrigeration, Inc.
EPA ID No. IA D000610436

required to secure a new disposal site. We do not, however, anticipate any problem and will keep both Iowa DEQ and EPA advised as disposal is accomplished.

Please call if you have any questions.

Very truly yours,

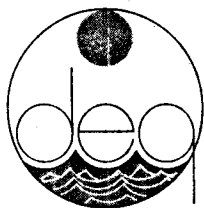


Gene H. Fritch, P.E.

tn

Enclosure

cc: Robert Steiff, Amana Refrigeration
Gene Evans, IDEQ
Dennis Degner, EPA



iowa department of environmental quality

reply to: Barbara Cook - Main Office
phone: 515/281-8964

June 28, 1983

Mr. Lyndell Harrington, Chief,
Permits Section, Waste Management Branch
Air & Waste Management Division
U.S. EPA Region VII
324 E. 11th St.
Kansas City, MO 64106

RE: Amana Refrigeration, Inc.
EPA ID No. IAD000610436

Dear Mr. Harrington:

In response to information received by this Department on January 27, and June 1, 1983, from Gene Fitch from Howard R. Green Company and past site inspections by our regional office, this Department is satisfied that Amana Refrigeration, Inc. can ship their hazardous waste off-site in 90 days or less and that the facility is "closed" in accordance with current procedures.

This Department recommends that EPA rescind their September 29, 1982, Part B call and that Amana's interim status be terminated. If you disagree with our recommendation please contact Barbara Cook as soon as possible.

Sincerely,

PROGRAM OPERATIONS DIVISION

Bruce E. Henning

for Robert E. Campbell, P.E., Chief
Air & Waste Permits Branch

REC:BC:nsv/AWP/W178Q10.01

EPA-ARWM/PMTS

JUN 29 1983

Region VII K.C., MO

Main Office: Henry A. Wallace Building, Des Moines, Iowa 50319

Regional Office #1
209 N. Franklin St.
Manchester 52057

Regional Office #2
509 S. President
P.O. Box 1443
Mason City 50401

Regional Office #3
401 Grand Ave.
P.O. Box 270
Spencer 51301

Regional Office #4
316 Walnut
Atlantic 50022

Regional Office #5
Henry A. Wallace
Building
Des Moines 50319

Regional Office #6
117 N. 2nd Ave.
P.O. Box 27
Washington 52353

RECEIVED

JUN 3 9 27 AM '83

DEPARTMENT
ENVIRONMENTAL QUALITY



Howard R. Green Company
CONSULTING ENGINEERS

June 1, 1983

Iowa Department of Environmental Quality
Henry A. Wallace Building
900 East Grand
Des Moines, IA 50319

Attn: Eugene Evans

Re: Amana Refrigeration, Inc.

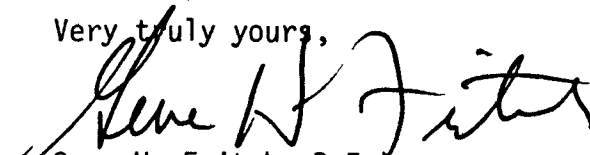
Dear Mr. Evans:

This will confirm that Amana Refrigeration, Inc. has completed proper disposal of hazardous waste materials from its storage area.

We understand you have issued a work order to the Washington, Iowa regional DEQ office and that someone from that office will make a verification visit to Amana in the next few days.

Please call if we can be of further service on this matter.

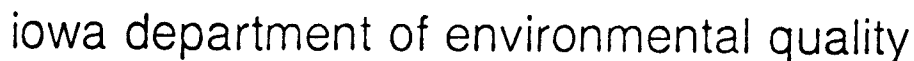
Very truly yours,



Gene H. Fritch, P.E.

/kd

cc: Robert Steiff, Amana Refrigeration
Dennis Degner, EPA Region VII



reply to: David N. Whiting, Region 6
phone: 319/653-2135

June 21, 1983

Robert Steiff, Manager - Waste Treatment
Amana Refrigeration, Inc.
Corner 1st and D Sts.
Middle Amana, IA 52204

Re: RCRA Hazardous Waste Inspection

Dear Mr. Steiff:

Enclosed is a hazardous waste inspection report of your facility. We believe that you will find the report self-explanatory and concur with report recommendations.


This inspection was conducted to check on your facility's status as a generator only. Mr. Whiting has found your facility in compliance.

You are advised that this report is being forwarded to our Hazardous Waste Section and is subject to additional comment.

Should you have any questions or would like to discuss this report further, feel free to contact our office.

Sincerely,

FIELD SERVICES DIVISION

for 
Earl C. Voelker, Sr.
Regional Administrator

Earl C. Voelker, Sr.
Regional Administrator
Regional Office No. 6

ECV:SH:w

Enc.

xc: Ron Kolpa, FS/CAB, DEQ Des Moines
~~██████████~~ HW, DEQ, Des Moines
 D. Sandifer, P.E., EPA, Kansas City, MO
 File

RECEIVED

Main Office: Henry A. Wallace Building, Des Moines, Iowa 50319

Regional Office #1
209 N Franklin St.
Manchester 52057

Regional Office #2
509 S. President
P.O. Box 1443

Regional Office #3
401 Grand Ave
P.O. Box 270

Regional Office #4
316 Walnut
Atlantic 50022

Regional Office #5
Henry A. Wallace
Building
Des Moines 50319

regional office
117 N. 2nd Ave.
P.O. Box 27

IOWA DEPARTMENT OF ENVIRONMENTAL QUALITY

Report Of Investigation

Page 1 Of 3

INVESTIGATION DATE

Current 6/10/83 Last 2/8/83

TO: (Facility Name, Location & Address)

Amana Refrigeration, Inc.
Corner 1st and D Sts.
Middle Amana, IA 52204

RE: (Specify Investigation Purpose Or Cite Rule)

Hazardous Waste Inspection
IAD000610436

FROM:

(Use
Stamp)

Region No. 6
P. O. Box 27
Washington, Iowa 52353

Persons Contacted (Name & Position)

Robert Steiff, Superintendent of

Waste Treatment

OBSERVATIONS/RECOMMENDATIONS

An inspection was conducted of this facility for compliance with the rules and regulations as they pertain to a facility that is a generator of hazardous waste. This facility is applying to be classified as a generator. As a generator of hazardous waste, this facility would have up to 90 days to accumulate hazardous waste on-site as specified in 40 CFR 262.34.

The amounts and types of materials in storage at the time of the inspection were as follows:

24 barrels, 55 gal. drums of spent Toluene, EPA Hazardous Waste No. F005, the oldest being May 1983;

1 barrel of spent 1,1,1 Trichloroethane, EPA Hazardous Waste No. F002, June 8, 1983;

3 barrels of spent Methylene Chloride and Methyl Alcohol mixture, EPA Hazardous Waste Nos. F002 and F003, the oldest being May 20, 1983.

On May 16, 1983 a shipment of spent TDI went out from Amana Refrigeration containing 188 - 16 gal. plastic containers and 4 - 30 gal. plastic containers for incineration at SCA in Chicago. The reason for the small size containers is the fact that the maximum Btu content per charge to the incinerator is 3×10^6 . Mr. Steiff has been to SCA in Chicago and seen the operation and thinks it is a satisfactory one. The shipment of containers resulted in some leakage of contents before the truck carrying the materials got out of Iowa because the containers were open top ring bound drums that popped open when they bounced together in transport. Mr. Steiff thinks this problem has been eliminated because he has found a source of closed head 15 gal. plastic drums for future use.

In conclusion, this facility appears to be in compliance with all applicable rules and regulations as apply to a generator of hazardous waste.

SUSPENSE DATE	Signature	Date
<u>1/1</u>	Inspector	June 20, 1983
	David N. Whiting	
	Regional Administrator	6-21-83
Enclosures (Specify)	Earl C. Voelker, Sr. by <i>Steve Hough</i>	
Distribution: Regional Office: Central Office: Inspected Facility:		

JAN 18 1984

Mr. Wayne A. Giddings
Senior Vice President
Amana Refrigeration, Inc.
Amana, Iowa 52204

EPA I.D. NO.: IAD000610436

FACILITY LOCATION:
Middle Amana, Iowa

Dear Mr. Giddings:

This is to acknowledge that the Environmental Protection Agency (EPA) hereby denies a Resource Conservation and Recovery Act (RCRA) Hazardous Waste permit and terminates interim status for Amana Refrigeration, Incorporated of Amana, Iowa, in accordance with Section 3005 of RCRA.

The facility may continue to generate hazardous wastes, but it may not function as a treat/store/dispose (TSD) facility unless a Part A and Part B hazardous waste permit application are submitted to the permitting agency and a permit is issued. The facility must continue to comply with 40 Code of Federal Regulations (CFR) Parts 262 and 270 as a generator of hazardous wastes.

If you have any questions regarding this notice, please contact Joe Galbraith at (816) 374-6531.

Sincerely,

David A. Wagoner
Director, Air and Waste Management Division

cc: Robert Campbell, IDWAWM

bcc: Chet McLaughlin
Michael Sanderson

ARWM:WMBR:PMTS:JGalbraith:lmh:1/11/84 Disk A70

PMTS
Galbraith

PMTS
Harrington

WMBR
Morby

ARWM
Spratlin

ARWM
Wagoner

2/19

2/13/84

1/13

CX

pb

Joe
Midge



department of water, air and waste management

January 6, 1984

Mr. Lyndell L. Harrington, P.E.
Chief, Permits Section
Waste Management Branch
Air & Waste Management Division
U.S. Environmental Protection Agency
Region VII
324 East Eleventh Street
Kansas City, MO 64106

EPA-ARWM/PMTS

JAN 10 1984

Region VII K.C., MO

RE: Amana Refrigeration - Middle Amana
Intent to Deny Application for RCRA Permit

Dear Mr. Harrington:

The Administrative Record and copy of Public Notice for the subject facility sent to us November 14, 1983, was made available for public observation at our records desk and our regional office from November 16, 1983 to December 31, 1983 during normal business hours. There were no requests of record to review the information.

Since the comment period has expired and we have received no comments or requests relating to this action, termination of interim status is approved by this Department.

Instead of returning the Administrative Records to you as requested in your letter of November 14, 1983, we wish to retain the copies for our Central Office and Regional Office files. If this is not satisfactory, please let me know.

Sincerely,

PROGRAM OPERATIONS DIVISION

Robert E. Campbell
Robert E. Campbell, P.E., Chief
Air & Waste Permits Branch

REC:b1b/AWPW006D08.01

cc: Region 6